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## In the Claims:

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Listing of all claims:

7		1. (	Original)	A welding power supply having a start control,			
2	comprising:			brand approximation a state control,			
3	a source of welding power, having at least one power control input, and						
4	disposed to provide welding power to an are;						
5				g a feeder control input, and disposed to supply wire to			
6	the arc; and			x , special to supply who to			
7		a control	ler, having	wire feed control output connected to the feeder			
8	control input, and further having a power source control output, connected to the power						
9	control input, and further having a wire feed delay module, having as an input a user						
10	trigger signal, and having as an output the wire feed control output and the power source						
11	control output.						
1	2.	(Origina	l) The	velding power supply of claim 1, wherein the wire			
2	feed delay module provides a wire feed delay of 20 milliseconds.						
1	3.	(Original	) The v	velding power supply of claim 1, wherein the welding			
2	power is provided to the arc through the wire feeder.						
1	4.	(Original	) The v	velding power supply of claim 1, wherein the			
2	controller further includes a pulse module, which provides the wire feed speed output and the						
3	power control output for MIG welding, after the start of the operation of the wire feed delay						
4	module.		O.	op selective and wave look decay			
1	5.	(Original)	) The w	relding power supply of claim 1, wherein the			
2	controller further includes a pulse module, which provides the wire feed speed output and the						
3	power control output for pulse welding, after the start of the operation of the wire feed delay						
4	module.	-	<u>.</u>	· · · · · · · · · · · · · · · · · · ·			
1	6.	(Original)	The w	elding power supply of claim 5, wherein the			
_				C. Transfer of the state of the			

controller further includes a CC module, which provides the wire feed speed output and the

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(Original)

- power control output, after the start of the operation of the wire feed delay module, and before the operation of the pulse module.
- 7. (Original) The welding power supply of claim 6, wherein the controller further includes a CV module, which provides the wire feed speed output and the power control output after the operation of the CC module, and before the operation of the pulse module.
- 1 8. (Original) The welding power supply of claim 4, wherein the
  2 controller further includes a run-in module, which provides the wire feed speed output and the
  3 power control output after the start of the operation of the delay module, and before the operation
  4 of the pulse module.
  - 9. (Original) The welding power supply of claim 1, wherein the wire feed delay module includes a feedback circuit input indicative of the presence or absence of an output open circuit, and terminate the operation of the wire feed delay module in response to an open circuit.

A welding power supply having a start control,

- 2 comprising: 3 means for providing welding power to an arc in response to at least one 4 power control input; 5 means for feeding wire to the arc in response to a feeder control input; and б means for controlling the means for feeding wire and the means for providing power, connected to the feeder control input and the power control input, and 7 8 having a means for delaying the feeding of wire and providing output power in response 9 to a user trigger signal.
- 11. (Original) The welding power supply of claim 10, wherein the delay module provides a delay of 20 milliseconds.
- 1 12. (Original) The welding power supply of claim 10, wherein the welding power is provided to the arc through the means for feeding.

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1	13. (Original) The welding power supply of claim 12, wherein the means				
2	for controlling further includes a means for providing MIG control after the start of the operation				
3	of the means for delaying.				
1	14. (Original) The welding power supply of claim 12, wherein the means				
2	for controlling further includes a means for providing pulse control after the start of the operation				
3	of the means for delaying.				
1	15. (Original) The welding power supply of claim 14, wherein the means				
2	for controlling further includes a means for providing CC control after the start of the operation				
3	of the means for delaying, and before the operation of the means for providing pulse control.				
1	16. (Original) The welding power supply of claim 15, wherein the manner				
2	where the means and the state of the state o				
3	for controlling further includes a means for providing CV control after the operation of the mean				
3	for providing CC control, and before the operation of the means for providing pulse control.				
1	17. (Original) The welding power supply of claim 16, wherein the means				
2	for controlling further includes a means for providing run-in control after the start of the				
3	operation of the means for delaying, and before the operation of the means for providing pulse				
4	control.				
1	18. (Original) The welding power supply of claim 11, wherein the means				
2	for delaying includes means for terminating the operation of the means for delaying in response				
3	to an open circuit.				
1	10 (0.1.1.1)				
2	19. (Original) A method of providing welding power with a start				
<u>.</u> 3	control, comprising:				
3	sensing a user trigger signal indicating a desire to start the welding				
<b>:</b> :	process;				
-	upon the sensing, delaying feeding wire to an arc;				
,	upon the sensing, providing power to the arc; and				
•	after delaying, feeding wire to the arc.				

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after the start of the delay.

(Original)

1 20. (Original) The method of claim 19, wherein the delay is 20 2 milliseconds. 1 21. (Original) The method claim 19, wherein the welding power is 2 provided to the arc through the wire feeder. 1 22. (Original) The method of claim 19, including providing pulse power after the start of the delay. 2 1 23. (Original) The method of claim 22, further providing CC power after 2 the start of the delay and before providing pulse power. 1 24. The method of claim 23, further providing CV power after (Original) 2 providing CC power and before providing pulse power. 1 25. The method of claim 22, further comprising feeding wire (Original) 2 at a run in speed after the start of the delay and before providing pulse power. 1 26. (Original) The method of claim 19, wherein the delay is terminated 2 when an open circuit at the arc is sensed.

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The method of claim 19, including providing MIG power